

Charles Gray Murphy, MD, FAAP
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ACADEMIC APPOINTMENTS

7/2005-6/2006 Instructor. Harvard Medical School

7/2006-8/2013 Assistant Professor. Mount Sinai School of Medicine

8/2019-present Assistant Clinical Professor of Medicine. Tufts School of Medicine

HOSPITAL APPOINTMENTS

7/2005-6/2006 Staff Physician. Children's Hospital Boston, Boston, MA

7/2005-6/2006 Staff Physician. South Shore Hospital, Weymouth, MA

7/2006-8/2013 Staff Physician. Mount Sinai Medical Center, NY, NY

9/2013-1/2019 Staff Physician. Metrowest Medical Center, Framingham, MA

2/2014-3/2017 Staff Physician. South Shore Hospital, Weymouth, MA

2/2014-3/2017 Staff Physician. Children's Hospital Boston, Boston, MA

2/2019-present Staff Physician. Tufts Medical Center/Floating Hospital for Children,
Boston, MA

EDUCATION

9/1990-5/1994 Haverford College
B.A. in Biology

8/1996-5/2000 Columbia University, College of Physician and Surgeons
M.D. Degree

POSTDOCTORAL EDUCATION

7/2000-6/2003 Children's Hospital of New York-Presbyterian
Residency in Pediatrics

7/2003-6/2006 Children's Hospital Boston
Fellowship in Pediatric Emergency Medicine

CERTIFICATION

- 10/2003 Board Certification in Pediatrics, American Board of Pediatrics
- 11/2006 Board Certification in Pediatric Emergency Medicine, American Board of Pediatrics

LICENSURE

- 2000-2019 New York State, License Number 221429
- 2003-2006, 2013-present Massachusetts, License Number 217373

AWARDS AND HONORS

- 1996 Outstanding Research Performance Award, National Institutes of Health
- 2003 Physician of the Year Award, Columbia-Presbyterian Medical Center
- 2008 Customer Service Award, Department of Emergency Medicine, Mount Sinai Medical Center
- 2008 Pediatric Emergency Medicine Resident Teaching Award, Mount Sinai Medical Center
- 2009 Medical Student Teaching Award, Department of Pediatrics, Mount Sinai Medical Center
- 2011 Excellence in Teaching Award, Institute of Medical Education, Mount Sinai Medical Center
- 2011 Resident Teaching Award, Department of Pediatrics, Mount Sinai Medical Center
- 2012 Blue Ribbon Winner, Mount Sinai School of Medicine Education Research Day, Mount Sinai Medical Center

OTHER PROFESSIONAL APPOINTMENTS

Teaching

- 2006-8/2013 Director of Medical Student Education, Mount Sinai Department of Emergency Medicine, Division of Pediatric Emergency Medicine

- 2007-8/2013 Course Director. Elective in Pediatric Emergency Medicine – 4th year students, Mount Sinai School of Medicine
- 2010-8/2013 Fellow. Institute of Medical Education, Mount Sinai School of Medicine
- 2019-present Director of Medical Education, Tufts Medical Center/Floating Hospital for Children, Department of Emergency Medicine, Division of Pediatric Emergency Medicine

General Administration

- 2006-8/2013 Committee Member. Pediatric Medical Education Committee, Department of Pediatrics, Mount Sinai School of Medicine
- 2007 Committee Member. Department of Medical Education, Curriculum Content Review Taskforce (CCRT), Mount Sinai School of Medicine
- 2010-8/2013 Committee Member. Admissions Committee, Mount Sinai School of Medicine
- 2011 Committee Member. Department of Medical Education, Liaison Committee on Medical Education (LCME), Mount Sinai School of Medicine
- 2011-8/2013 Faculty Member Leader, Student Mistreatment Resource Panel, Mount Sinai School of Medicine
- 2011-8/2013 Ombudsperson for Medical Students, Mount Sinai School of Medicine
- 2011-8/2013 Committee Member. Distinction in Medical Education Committee (DIME), Mount Sinai School of Medicine
- 2019-present Program Evaluation Committee, Tufts Medical Center/Floating Hospital for Children, Department of Pediatrics

National Committees

Member, American Academy of Pediatrics

TRAINING RECORD

Name	Level of Training	Role in Training	Training Venue	Trainee's Current Status
Mark Heller, MD	Resident	Senior Project Mentor	Mount Sinai EM Residency	Attending, Mount Sinai Medical Center
Raakhee Mahajan, MD	Resident	Senior Project Mentor	Mount Sinai EM Residency	Attending Physician

TEACHING WORKSHOPS/COURSES

Teaching Activity/Topic	Level	Role	# of Learners	Number of Hours/Year	Year
Boston Children's Hospital					
Bag Mask Ventilation/Pediatric Airway Skills	Pediatric Residency	Course Leader	40/year	One Day/Year	2004-2006
Mount Sinai Medical Center					
The Pediatric Airway/Pediatric SIM	Medical Students 4 th Year	Course Leader	10-25	One Hour, Monthly	2007-2013
4 th Year Elective in Pediatric Emergency Medicine	Medical Students 4 th Year	Course Director	10/year	One Month Elective	2007-2013
Bedside Teaching Rounds	Medical Students 3 rd Year	Director of Medical Student Education	6/week	One Hour, Weekly	2007-2009
ASM I (Art and Science of Medicine)	Medical Students 1 st Year	Group Leader	12/year	Three Hours, Weekly	2008-2013
ASM I (Art and Science of Medicine)	Medical Students 1 st Year	Physical Exam Preceptor	12/year	Three Hours x Five Sessions	2008-2013
Compass II	Medical Students 2 nd Year	Preceptor	10/year	6 Hours	April 2010 - 2013
3 rd Year Pediatric Clerkship	Medical Students 3 rd Year	Small Group Preceptor	10/year	Six – 2 hour sessions	2010-2012

InterACT Clerkship	Medical Students 3 rd Year	Small Group Preceptor	5/year	Three – 32 hour sessions	2010- 2011
ASM I	Medical Students 1 st Year	Simulation Instructor	70	Three Hours x Seven Sessions	January- April 2011
ASM II- Child Abuse and Neglect	Medical Students 2 nd Year	Workshop Leader	140	Two – 2 hour sessions	September 2011, 2012
Compass II Remediation	Medical Students 2 nd Year	Preceptor	2	10 Hours	June 2012
Clinical Skills Week – Consults, Signouts	Medical Students 2 nd Year	Preceptor	25	6 Hours	June 2012

PRESENTATIONS

Teaching Activity/Topic	Level	Role	# of Learners	Number of Hours/Year	Year
Children's Hospital New York Presbyterian					
Smoke Inhalation	Pediatric Grand Rounds	Lecturer	50	One Hour	2003
Children's Hospital Boston					
Pelvic Inflammatory Disease	ER Department Case Conference	Lecturer	25	One Hour	2004
The Hypertensive Child in the Emergency Room	ER Department Case Conference	Lecturer	25	One Hour	2004
The Jaundiced Infant	ER Department Case Conference	Lecturer	25	One Hour	2005
Pediatric Sexual Assault	ER Department Case Conference	Lecturer	25	One Hour	2005
Inflammatory Gene Expression in Acute Appendicitis	Division Chief's Conference	Invited Speaker	15	One Hour	2005
Mount Sinai Medical Center					
Pediatric Neck Masses	EM Residency	Lecturer	30	One Hour	October 2007
Common Pediatric EM Emergencies	EM Nurses	Lecturer	10	One Hour	January 2008
Limp	Pediatric Residency	Lecturer	20	One Hour	October 2008
The Pediatric Airway	Pediatric Residency	Lecturer	20	One Hour	February 2009

Case Conference: DIC	Pediatric EM Division Conference	Case Conference	12	One Hour	February 2009
Journal Club: ALTE	Pediatric EM Division Conference	Journal Club	12	One Hour	February 2009
Pediatric Neurological Emergencies	EM Attendings (MSQueens)	Lecturer	15	One Hour	March 2009
Pediatric Neurological Emergencies	EM Residency	Lecturer	30	One Hour	April 2009
Microbiology of Cutaneous Abscesses	Pediatric EM Division Conference	Lecturer	12	One Hour	May 2009
Bites, Stings, and Envenomations	Pediatric Residency	Lecturer	25	One Hour	September 2009
Influenza	Parents Group	Lecturer	100	Three Hour	September- November 2009
Influenza	Pediatric EM Division Conference	Lecturer	12	One Hour	October 2009
Bites, Stings, and Envenomations	Pediatric EM Division Conference	Lecturer	12	One Hour	January 2010
Journal Club: Migraine Headaches	Pediatric EM Division Conference	Journal Club	12	One Hour	January 2010
Procedural Sedation	Pediatric EM Division Conference	Lecturer	12	One Hour	July 2010
Pediatric Neurological Emergencies	EM Residency	Lecturer	30	One Hour	September 2010
Case Conference: Neonatal Seizure	Pediatric EM Division Conference	Case Conference	12	One Hour	January 2011
Journal Club: Asthma	Pediatric EM Division Conference	Journal Club	12	One Hour	April 2011
Child Comfort: Pain control and Sedation	EM Attendings (MSQueens)	Lecturer	15	One Hour	April 2011

Cellulitis and Bites	Pediatric Residency	Lecturer	25	One Hour	May 2011
Child Comfort: Pain control and Procedural Sedation	EM Residency	Lecturer	50	One Hour	July 2011
Meningitis	Pediatric EM Division Conference	Case Presentation	12	One Hour	September 2011
Influenza	Pediatric EM Division Conference	Journal Club	12	One Hour	October 2011
Child abuse / Sexual assault	Pediatric EM Division Conference	Lecturer	12	One Hour	May 2012
Case Conference: Hypothermic Neonate	Pediatric EM Division Conference	Case Conference	12	One Hour	December 2012
Neurological Emergencies	Pediatric EM Division Conference	Case Conference	12	One Hour	June 2013
Metrowest Medical Center					
Influenza	Pediatric EM Group Meeting	Lecturer	5	One Hour	November 2013
Pediatric ER Pearls	EM Group Meeting	Lecturer	18	One Hour	February 2017
Tufts Medical Center/Floating Hospital for Children					
Splinting Workshop	Pediatric Residency	Workshop Leader	40	Three Hours	February 2019
Bronchiolitis	Highland LOC - Pediatricians	Invited Speaker	30	One Hour	March 2019
Bites, Stings	Pediatric Residency	Lecturer	40	One Hour	May 2019
Limp	Pediatric Residency	Lecturer	40	One Hour	May 2019
Pediatric Respiratory Emergencies	Anna Jaques Hospital – EMS Night	Invited Speaker	90	One Hour	September 2019
Neck Masses	Beth Israel – Dept of	Invited Lecturer	30	One Hour	September 2019

National	Emergency Medicine				
Inflammatory Gene Expression in Acute Appendicitis	Pediatric Academic Society National Conference. San Francisco, CA.	Invited Speaker	100	One Hour	May, 2006
Procedural Sedation	Pediatric Critical Care Conference	Invited Speaker	100	One Hour	January 2007
Procedural Sedation	Clinical Decisions in Emergency Medicine. Ponte Vedra, Florida.	Invited Speaker	75	One Hour	June 2007

ABSTRACTS

1. Murphy C, Glickman J, Shannon M, Horwitz B. “Inflammatory Gene Expression in Acute Appendicitis”. Poster Presentation. Pediatric Academic Societies Conference. 2005
2. Murphy C, Burns-Ewald, M. “Topical Brimonidine Toxicity in the Pediatric Patient”. Poster Presentation. International Congress of the European Association of Poisons Centres and Clinical Toxicologists Conference. 2006.
3. Murphy C, Hojsak J, Strother C. “Is That a Murmur I Hear? Honing Medical Student Physical Exam Skills Through Human Simulation”. Poster Presentation. Medical Education Research Day, Institute of Medical Education, Mount Sinai School of Medicine. 2011.
4. Murphy C, Strother C, Hojsak J. “Listening to Your Patient - Honing Medical Student Physical Exam Skills through Human Patient Simulation”. Poster Presentation. Medical Education Research Day, Institute of Medical Education, Mount Sinai School of Medicine. 2012. *Blue Ribbon Winner*

5. Mazzawi M, Murphy C. “Enhancing Trauma Education for Pediatric Residents through Simulation”. Poster Presentation. Pediatric Resident Research Day, Tufts Medical Center/Floating Hospital for Children. 2019

PUBLICATIONS

1. Murphy C, Nikodem D, Howcroft K, Weissman JD, Singer DS. “Active repression of major histocompatibility complex class I genes in a human neuroblastoma cell line”. *J Biol Chem*. 1996; 271(48): 30992-9.
2. Howcroft TK, Murphy C, Weissman JD, Huber SJ, Sawadogo M, Singer DS. “Upstream stimulatory factor regulates major histocompatibility complex class I gene expression: the U2DeltaE4 splice variant abrogates E-box activity”. *Mol Cell Biol*. 1999; 19(7): 4788-97.
3. Murphy C, van de Pol A, Harper M, Bachur R. “Clinical Predictors of Occult Pneumonia in the Febrile Child”. *Acad Emerg Med*. 2007; 14(3): 243-49.
4. Murphy C, Glickman J, Tomczak K, Wang Y, Beggs A, Shannon M, Horwitz B. “Acute appendicitis is characterized by a uniform and highly selective pattern of inflammatory gene expression”. *Mucosal Immunology*. 2008; 1(4): 297-308.
5. Murphy C. “Influenza: Challenges In Diagnosis And Management In The Emergency Department”. *Emergency Medicine Practice*. 2009; 11(11): 1-24.
6. Giwa AL, Ogedegbe C, Murphy C. “Influenza: Diagnosis and Management in the Emergency Department”. *Emergency Medicine Practice*. 2018; 20(12): 1-20